

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-8161 Fax:(505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 191985

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City, OK 73102		2. OGRID Number 6137
4. Property Code 40354		3. API Number 30-015-42625
5. Property Name CLETUS 28 STATE COM		6. Well No. 004H

7. Surface Location

UL - Lot	P	Section	28	Township	23S	Range	26E	Lot Idn		Feet From	175	N/S Line	S	Feet From	660	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	A	Section	28	Township	23S	Range	26E	Lot Idn	A	Feet From	330	N/S Line	N	Feet From	660	E/W Line	E	County	Eddy
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9. Pool Information

WC-015 G-04 S232628M;BONE SPRING	98056
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3337
16. Multiple N	17. Proposed Depth 11182	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	610	460	0
Int1	12.25	9.625	36	1900	840	0
Prod	8.75	5.5	17	11182	1800	1400

Casing/Cement Program: Additional Comments

Casing Notes: • All casing is new and API approved Maximum Lateral TVD: 6625' A Pilot Hole will be drilled to 8870' and plugged back with the cement volumes below Proposed mud Circulations System: Depth Mud Weight Viscosity Fluid Loss Type System 0-610' 8.4-9.0 30-34 N/C FW 610-1900' 10.0 28-32 N/C Brine 1900-13873' 8.6-9.0 28-32 N/C FW The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	
Annular	3000	3000	
Double Ram	3000	3000	
Annular	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: _____ Printed Name: Electronically filed by Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dvn.com Date: 9/8/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 9/9/2014 Expiration Date: 9/9/2016 Conditions of Approval Attached
Phone: 405-228-8588	

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Form C-102
August 1, 2011
Permit 191985

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42625	2. Pool Code 98056	3. Pool Name WC-015 G-04 S232628M;BONE SPRING
4. Property Code 40354	5. Property Name CLETUS 28 STATE COM	6. Well No. 004H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3337

10. Surface Location

UL - Lot P	Section 28	Township 23S	Range 26E	Lot Idn	Feet From 175	N/S Line S	Feet From 660	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 28	Township 23S	Range 26E	Lot Idn	Feet From 330	N/S Line N	Feet From 660	E/W Line E	County Eddy
12. Dedicated Acres 160.00	13. Joint or Infill		14. Consolidation Code				15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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			●														

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Form APD Comments

Permit 191985

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42625
		Well: CLETUS 28 STATE COM #004H

Created By	Comment	Comment Date
Igood	Pressure Control Equipment: A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the surface casing shoe. The BOP system used to drill the intermediate hole will be tested per BLM Onshore Oil and Gas Order 2. A 3M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the intermediate casing shoe. The BOP system used to drill the production hole will be tested per BLM Onshore Oil and Gas Order 2. The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is	9/8/2014
Igood	9-5/8" Intermediate 2-Stage Option 310 13.7 8.66 1.67 Tail Class C Cement + 0.4% BWOC LAP-1 + 0.2% BWOC HR-601 + 0.2 lb/sk D-Air 5000 + 4% BWOC Bentonite + 69.3% Fresh Water DV Tool at 1000ft 110 12.9 9.81 1.85 Lead (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water 190 14.8 6.32 1.33 Tail Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water	9/8/2014
Igood	5-1/2" Production Casing 2-Stage Option 290 12.5 10.86 1.96 Lead (65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake + 74.1 % Fresh Water 1370 14.5 5.38 1.22 Tail (50:50) Class H Cement: Poz (Fly Ash) + 1 lb/sk Sodium Chloride + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water DV Tool at 4500ft 360 11.9 12.89 2.26 Lead (50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000 + 76.4% Fresh Water 120 14.8 6.32 1.33 Tail Cla	9/8/2014
Igood	Notes: • Cement volumes Surface 100%, Intermediate 50%, Pilot hole 10%, and Production based on at least 25% excess • Actual cement volumes will be adjusted based on fluid caliper and/or caliper log data • If lost circulation is encountered while drilling the production and/or the intermediate wellbores, a DV tool will be installed a minimum of 50' below the previous casing shoe and of 200' above the current shoe. If the DV tool has to be moved, the cement volumes will be adjusted proportionately.	9/8/2014
Igood	The C-102 plats, Drilling Plan and Standard Planning Report are being sent via Fed-ex.	9/8/2014
CSHAPARD	Land s/s	9/8/2014

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Form APD Conditions

Permit 191985

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42625
		Well: CLETUS 28 STATE COM #004H
OCD Reviewer	Condition	
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	